

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: )  
Sting, et al. ) Attorney Docket No.: F-300  
Serial No.: 09/701,961 ) Group Art Unit: 3651  
Filed: December 5, 2000 ) Date: March 11, 2002  
For: CHARGING APPARATUS

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to herein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(b) exists.

In accordance with 37 CFR § 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 CFR § 1.56(b).

This Information Disclosure Statement is being filed in accordance with the following provisions, as identified below with marked boxes, available under 37 CFR § 1.97:

1.  37 CFR §1.97(b) - This Information Disclosure Statement is being filed according to one of the following: (i) within 3 months of the filing date of this application (other than a CPA); (ii) within 3 months of the date of entry of the national stage as set forth in § 1.491 in an international application; (iii) before the mailing of a first Office action on the merits; or (iv) before the mailing of a first Office action after the filing of a request for continued examination under § 1.114.

OR

2.  37 CFR §1.97(c) - This Information Disclosure Statement is being filed before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application, and it is accompanied by the statement or fee as identified below:

- 2.1  Specified Statement under 37 CFR § 1.97(e)(1) - see below.

OR

- 2.2  Specified Statement under 37 CFR § 1.97(e)(2) - see below.

OR

- 2.3  Please charge Deposit Account No. **16-1885** in the amount of \$180.00 to cover the fee set forth in § 1.17(p).

\*\* **Provisional Fee Authorization.** If Box 2.1 or Box 2.2 is marked above and a final action under § 1.113 has in fact been mailed before the filing of this Information Disclosure Statement, then the Commissioner is authorized to charge Deposit Account No. **16-1885** in the amount of \$180.00 to cover the fee set forth in § 1.17(p) as if Box 2.3 had been marked.

OR

3.  37 CFR §1.97(d) - This Information Disclosure Statement is being filed on or before payment of the issue fee and it is accompanied by the statement and fee as identified below:

- 3.1.1  Specified Statement under 37 CFR § 1.97(e)(1) - see below.

OR

- 3.1.2  Specified Statement under 37 CFR § 1.97(e)(2) - see below.

AND

- 3.2  Please charge Deposit Account No. **16-1885** in the amount of \$180.00 to cover the fee set forth in § 1.17(p).

Specified Statement under 37 CFR § 1.97(e)(1) - Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

Specified Statement under 37 CFR § 1.97(e)(2) - No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing below, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

A list of the patent(s) and/or publication(s) is set forth on the attached Form PTO-1449 (Modified).

A copy of each of the items on PTO-1449 (Modified) is supplied herewith.

The Commissioner is hereby authorized to charge any additional fees which may be required to Deposit Account No. **16-1885**.

A duplicate copy of this transmittal is enclosed for use in charging the Deposit Account.

Respectfully submitted,



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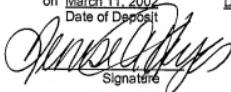
CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner of Patents and Trademarks,  
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on March 11, 2002  
Date of Deposit

Denise Hayes  
Name of Rep.



March 11, 2002  
Date

Plus attachments: Form PTO-1449 (Modified)  
One copy of each of the references

|  |  |                                 |                          |
|--|--|---------------------------------|--------------------------|
| FORM PTO-1449 (Modified)                                     |  | Atty. Docket Number<br>F-300    | Serial No.<br>09/701,961 |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT<br/>BY APPLICANT</b> |  | Applicant<br>Sting, et al.      |                          |
|  |  | Filing Date<br>December 5, 2000 | Group<br>3651            |

### U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL | DOCUMENT<br>NUMBER | DATE     | NAME              | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|--------------------|----------|-------------------|-------|----------|-------------------------------|
| AA                  | 3170572            | 2/23/65  | LL Harison        |       |          |                               |
| AB                  | 5052542            | 10/1/91  | A.W. Jestetten    | 198   | 372      |                               |
| AC                  | 6189702            | 2/20/01  | H. Bonnet         | 209   | 651      |                               |
| AD                  | 4416450            | 11/22/83 | H. vanWijngaarden | 271   | 303      |                               |
| AE                  | 5457935            | 10/17/95 | D. P. Kope        | 53    | 258      |                               |
| AF                  | 4720960            | 1/26/88  | R.J. Green        | 53    | 447      |                               |
| AG                  |                    |          |                   |       |          |                               |
| AH                  |                    |          |                   |       |          |                               |
| AI                  |                    |          |                   |       |          |                               |
| AJ                  |                    |          |                   |       |          |                               |
| AK                  |                    |          |                   |       |          |                               |

### FOREIGN PATENT OR PUBLISHED PATENT APPLICATION DOCUMENTS

|    | DOCUMENT<br>NUMBER | DATE | COUNTRY<br>OR PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION |
|----|--------------------|------|-----------------------------|-------|----------|-------------|
| AL |                    |      |                             |       |          |             |
| AM |                    |      |                             |       |          |             |
| AN |                    |      |                             |       |          |             |
| AO |                    |      |                             |       |          |             |
| AP |                    |      |                             |       |          |             |

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

|          |                 |
|----------|-----------------|
| AR       |                 |
| AS       |                 |
| AT       |                 |
| EXAMINER | DATE CONSIDERED |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609;  
 Draw line through citation if not in conformance and not considered. Include copy of this form with next  
 communication to applicant.